



$k$	$\xi$	$P_B$	$P_G$	$ P_B - P_G $	$f_B$	$f_G$
0	-6.55	3.2345e-16	4.6655e-11	4.6654e-11	1.4822e-15	1.9706e-10
1	-6.33	1.3862e-14	1.8907e-10	1.8906e-10	6.3524e-14	8.0293e-10
2	-6.11	2.9407e-13	7.3075e-10	7.3045e-10	1.3476e-12	3.1195e-9
3	-5.89	4.1170e-12	2.6934e-9	2.6892e-9	1.8867e-11	1.1556e-8
4	-5.67	4.2788e-11	9.4671e-9	9.4243e-9	1.9608e-10	4.0817e-8
5	-5.46	3.5208e-10	3.1735e-8	3.1383e-8	1.6134e-9	1.3747e-7
6	-5.24	2.3891e-9	1.0145e-7	9.9060e-8	1.0948e-8	4.4144e-7
7	-5.02	1.3750e-8	3.0928e-7	2.9553e-7	6.3009e-8	1.3517e-6
8	-4.80	6.8503e-8	8.9921e-7	8.3071e-7	3.1392e-7	3.9462e-6
9	-4.58	3.0011e-7	2.4933e-6	2.1931e-6	1.3753e-6	1.0985e-5
10	-4.36	1.1704e-6	6.5928e-6	5.4223e-6	5.3635e-6	2.9159e-5
11	-4.15	4.1041e-6	1.6625e-5	1.2521e-5	1.8807e-5	7.3798e-5
12	-3.93	1.3045e-5	3.9982e-5	2.6937e-5	5.9780e-5	1.7809e-4
13	-3.71	3.7845e-5	9.1697e-5	5.3852e-5	1.7343e-4	4.0978e-4
14	-3.49	1.0079e-4	2.0056e-4	9.9771e-5	4.6188e-4	8.9905e-4
15	-3.27	2.4766e-4	4.1835e-4	1.7069e-4	1.1349e-3	1.8808e-3
16	-3.06	5.6387e-4	8.3221e-4	2.6834e-4	2.5840e-3	3.7515e-3
17	-2.84	1.1941e-3	1.5788e-3	3.8472e-4	5.4719e-3	7.1350e-3
18	-2.62	2.3597e-3	2.8564e-3	4.9666e-4	1.0814e-2	1.2939e-2
19	-2.40	4.3646e-3	4.9284e-3	5.6380e-4	2.0001e-2	2.2373e-2
20	-2.18	7.5756e-3	8.1095e-3	5.3385e-4	3.4716e-2	3.6887e-2
21	-1.96	1.2368e-2	1.2726e-2	3.5739e-4	5.6679e-2	5.7989e-2
22	-1.75	1.9034e-2	1.9045e-2	1.0302e-5	8.7227e-2	8.6922e-2
23	-1.53	2.7665e-2	2.7181e-2	4.8386e-4	1.2678e-1	1.2423e-1
24	-1.31	3.8039e-2	3.6997e-2	1.0429e-3	1.7432e-1	1.6930e-1
25	-1.09	4.9560e-2	4.8024e-2	1.5363e-3	2.2711e-1	2.1999e-1

26	-0.87	6.1269e-2	5.9450e-2	1.8195e-3	2.8077e-1	2.7256e-1
27	-0.65	7.1967e-2	7.0185e-2	1.7818e-3	3.2979e-1	3.2199e-1
28	-0.44	8.0412e-2	7.9021e-2	1.3911e-3	3.6849e-1	3.6270e-1
29	-0.22	8.5562e-2	8.4848e-2	7.1387e-4	3.9209e-1	3.8956e-1
30	0.00	8.6784e-2	8.6884e-2	1.0006e-4	3.9769e-1	3.9894e-1
31	0.22	8.3984e-2	8.4848e-2	8.6331e-4	3.8486e-1	3.8956e-1
32	0.44	7.7611e-2	7.9021e-2	1.4103e-3	3.5566e-1	3.6270e-1
33	0.65	6.8539e-2	7.0185e-2	1.6459e-3	3.1409e-1	3.2199e-1
34	0.87	5.7884e-2	5.9450e-2	1.5657e-3	2.6526e-1	2.7256e-1
35	1.09	4.6780e-2	4.8024e-2	1.2439e-3	2.1437e-1	2.1999e-1
36	1.31	3.6199e-2	3.6997e-2	7.9795e-4	1.6588e-1	1.6930e-1
37	1.53	2.6834e-2	2.7181e-2	3.4671e-4	1.2297e-1	1.2423e-1
38	1.75	1.9067e-2	1.9045e-2	2.1800e-5	8.7374e-2	8.6922e-2
39	1.96	1.2990e-2	1.2726e-2	2.6463e-4	5.9530e-2	5.7989e-2
40	2.18	8.4902e-3	8.1095e-3	3.8067e-4	3.8907e-2	3.6887e-2
41	2.40	5.3248e-3	4.9284e-3	3.9647e-4	2.4402e-2	2.2373e-2
42	2.62	3.2058e-3	2.8564e-3	3.4941e-4	1.4691e-2	1.2939e-2
43	2.84	1.8532e-3	1.5788e-3	2.7439e-4	8.4923e-3	7.1350e-3
44	3.06	1.0289e-3	8.3221e-4	1.9666e-4	4.7149e-3	3.7515e-3
45	3.27	5.4873e-4	4.1835e-4	1.3038e-4	2.5146e-3	1.8808e-3
46	3.49	2.8118e-4	2.0056e-4	8.0620e-5	1.2885e-3	8.9905e-4
47	3.71	1.3845e-4	9.1697e-5	4.6757e-5	6.3448e-4	4.0978e-4
48	3.93	6.5519e-5	3.9982e-5	2.5537e-5	3.0024e-4	1.7809e-4
49	4.15	2.9799e-5	1.6625e-5	1.3173e-5	1.3655e-4	7.3798e-5
50	4.36	1.3026e-5	6.5928e-6	6.4335e-6	5.9694e-5	2.9159e-5
51	4.58	5.4732e-6	2.4933e-6	2.9800e-6	2.5081e-5	1.0985e-5
52	4.80	2.2103e-6	8.9921e-7	1.3111e-6	1.0129e-5	3.9462e-6
53	5.02	8.5792e-7	3.0928e-7	5.4864e-7	3.9315e-6	1.3517e-6
54	5.24	3.2002e-7	1.0145e-7	2.1857e-7	1.4665e-6	4.4144e-7
55	5.46	1.1471e-7	3.1735e-8	8.2973e-8	5.2566e-7	1.3747e-7
56	5.67	3.9504e-8	9.4671e-9	3.0037e-8	1.8103e-7	4.0817e-8
57	5.89	1.3069e-8	2.6934e-9	1.0376e-8	5.9889e-8	1.1556e-8
58	6.11	4.1524e-9	7.3075e-10	3.4217e-9	1.9029e-8	3.1195e-9
59	6.33	1.2668e-9	1.8907e-10	1.0778e-9	5.8054e-9	8.0293e-10
60	6.55	3.7101e-10	4.6655e-11	3.2435e-10	1.7002e-9	1.9706e-10
61	6.76	1.0426e-10	1.0979e-11	9.3285e-11	4.7780e-10	4.6115e-11
62	6.98	2.8108e-11	2.4638e-12	2.5644e-11	1.2881e-10	1.0290e-11
63	7.20	7.2660e-12	5.2727e-13	6.7387e-12	3.3297e-11	2.1891e-12
64	7.42	1.8003e-12	1.0761e-13	1.6927e-12	8.2499e-12	4.4409e-13
65	7.64	4.2732e-13	2.0946e-14	4.0637e-13	1.9582e-12	8.5899e-14
66	7.86	9.7118e-14	3.8878e-15	9.3230e-14	4.4505e-13	1.5842e-14
67	8.07	2.1122e-14	6.8820e-16	2.0433e-14	9.6792e-14	2.7860e-15
68	8.29	4.3930e-15	1.1617e-16	4.2768e-15	2.0131e-14	4.6715e-16
69	8.51	8.7313e-16	1.8702e-17	8.5443e-16	4.0012e-15	7.4687e-17
70	8.73	1.6572e-16	2.8712e-18	1.6285e-16	7.5941e-16	1.1386e-17

71	8.95	3.0009e-17	4.2037e-19	2.9589e-17	1.3752e-16	1.6550e-18
72	9.17	5.1802e-18	5.8692e-20	5.1215e-18	2.3738e-17	2.2937e-19
73	9.38	8.5153e-19	7.8148e-21	8.4372e-19	3.9022e-18	3.0312e-20
74	9.60	1.3315e-19	9.9229e-22	1.3216e-19	6.1019e-19	3.8195e-21
75	9.82	1.9783e-20	1.2016e-22	1.9663e-20	9.0657e-20	4.5889e-22
76	10.04	2.7890e-21	1.3875e-23	2.7751e-21	1.2781e-20	5.2570e-23
77	10.26	3.7255e-22	1.5280e-24	3.7102e-22	1.7072e-21	5.7423e-24
78	10.47	4.7081e-23	1.6047e-25	4.6920e-23	2.1575e-22	5.9807e-25
79	10.69	5.6190e-24	1.6071e-26	5.6029e-24	2.5750e-23	5.9394e-26
80	10.91	6.3214e-25	1.5348e-27	6.3060e-25	2.8968e-24	5.6240e-27
81	11.13	6.6893e-26	1.3979e-28	6.6753e-26	3.0654e-25	5.0778e-28
82	11.35	6.6427e-27	1.2142e-29	6.6305e-27	3.0441e-26	4.3714e-29
83	11.57	6.1739e-28	1.0057e-30	6.1639e-28	2.8292e-27	3.5882e-30
84	11.78	5.3549e-29	7.9434e-32	5.3470e-29	2.4539e-28	2.8084e-31
85	12.00	4.3199e-30	5.9833e-33	4.3140e-30	1.9796e-29	2.0959e-32
86	12.22	3.2292e-31	4.2979e-34	3.2249e-31	1.4798e-30	1.4914e-33
87	12.44	2.2270e-32	2.9441e-35	2.2241e-32	1.0206e-31	1.0119e-34
88	12.66	1.4100e-33	1.9232e-36	1.4080e-33	6.4613e-33	6.5462e-36
89	12.87	8.1475e-35	1.1981e-37	8.1355e-35	3.7337e-34	4.0380e-37
90	13.09	4.2677e-36	7.1171e-39	4.2606e-36	1.9557e-35	2.3750e-38
91	13.31	2.0099e-37	4.0319e-40	2.0059e-37	9.2106e-37	1.3319e-39
92	13.53	8.4267e-39	2.1781e-41	8.4049e-39	3.8616e-38	7.1224e-41
93	13.75	3.1066e-40	1.1221e-42	3.0954e-40	1.4236e-39	3.6315e-42
94	13.97	9.9147e-42	5.5127e-44	9.8596e-42	4.5435e-41	1.7655e-43
95	14.18	2.6837e-43	2.5827e-45	2.6579e-43	1.2298e-42	8.1838e-45
96	14.40	5.9904e-45	1.1538e-46	5.8750e-45	2.7451e-44	3.6172e-46
97	14.62	1.0587e-46	4.9158e-48	1.0095e-46	4.8515e-46	1.5244e-47
98	14.84	1.3889e-48	1.9972e-49	1.1892e-48	6.3649e-48	6.1257e-49
99	15.06	1.2025e-50	7.7376e-51	4.2879e-51	5.5108e-50	2.3471e-50
100	15.28	5.1538e-53	2.8587e-52	2.3433e-52	2.3618e-52	8.5747e-52